

20021115.qrp v02\_n741.qrl.20021115

Date: Fri, 15 Nov 2002 19:03:05 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2741

QRP-L Digest 2741

Topics covered in this issue include:

- 1) [140143] Re: It really frosts me....  
by Larry Cahoon <lejek@erols.com>
- 2) [140144] Re: QSL and \$\$\$  
by "John J. McDonough" <wb8rcr@arrl.net>
- 3) [140145] FS: FT-817-Z11 etc  
by <giorgio9330@earthlink.net>
- 4) [140146] n5fc notebook antenna design question  
by "pschweit" <pschweit@mninter.net>
- 5) [140147] OT: Send Your Name (and call) to Mars...  
by Ed Tanton <n4xy@earthlink.net>
- 6) [140148] HC908Q Demo Board  
by "Tracy Markham" <tracy@bytemark.com>
- 7) [140149] FS/trade 1921? Vibroplex Bug  
by "Chad Nelson" <galahad@boisecenter.net>
- 8) [140150] Re: No excuses TX... hmmm  
by Chris Cartwright <ccart@phideaux.com>
- 9) [140151] QRP/QRO and the Russian KW  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 10) [140152] FOX: fox report. K4FB Non- foxhunters ignore:  
by Wayne Scace <k9di@earthlink.net>
- 11) [140153] Re: Charge Gel Cell In Car  
by "rmcnelly@cox.net" <rmcnelly@cox.net>
- 12) [140154] Re: QRP Definition - Input vs Output?  
by Richard Clem <clem.law@usa.net>
- 13) [140155] FS: MFJ gear  
by "Ian Wilson" <ianmwilson@earthlink.net>
- 14) [140156] Re: SideKick Builders Report de KI6DS  
by "John McClain" <digi2@earthlink.net>
- 15) [140157] Foxii!  
by "Bob Schreibmaier" <k3ph@ptd.net>
- 16) [140158] Ham Radio Magazine On cd...TT-560  
by "Jim" <ku4qw@yahoo.com>
- 17) [140159] WTB: Iambic Keyer  
by NV9Z@aol.com
- 18) [140160] DX QSL Postage opinion  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 19) [140161] FOW: Good night in VA

- by "Jim Stamper" <jstamper@shentel.net>
- 20) [140162] FOX: Good hunt and Loco-Motives needs one more!!!  
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 21) [140163] Truffle Report # Deux  
by "Jay" <aj4ay@worldnet.att.net>
- 22) [140164] Truffle FUN  
by "Jay" <aj4ay@worldnet.att.net>
- 23) [140165] Re: QRP/QRO and the Russian KW  
by Pete Burbank <plburbank@kih.net>
- 24) [140166] FOX: Band was long all hunt  
by "Tom Palmer" <n1tp@swfla.rr.com>
- 25) [140167] replies to my tetrode question  
by Chris Howard <chris@yipyp.com>
- 26) [140168] Fox- K4FB report  
by Paul Womble <pwomble1@tampabay.rr.com>
- 27) [140169] FOX: Thanks for a fun Twofer!!!  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 28) [140170] FOX: Good Night for New Mexico  
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [140171] Sold Out: Experimenter's DDS Signal Generator  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 30) [140172] Re: QRP/QRO and the Russian KW  
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 31) [140173] Meteor Scatter on Nov 19 - 6M and up ((long))  
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 32) [140174] Fox: final log N7CQR  
by Dan Presley <talljazz@teleport.com>
- 33) [140175] Re: FOX; Tomorrow  
by Dan Presley <talljazz@teleport.com>
- 34) [140176] FSK441 at QRP Power Levels  
by John Zaruba <jzaruba@mac.com>
- 35) [140177] Why I QRP  
by "Max Moon" <maxmoon@umn.edu>
- 36) [140178] FD 2002  
by W2AGN <w2agn@w2agn.net>
- 37) [140179] RE: QSL and \$\$\$  
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 38) [140180] Re: FOX; Tomorrow  
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [140181] Don Wilhelm  
by "Brian" <brian@iquest.net>
- 40) [140182] FOX: Vintage Fox  
by W2AGN <w2agn@w2agn.net>
- 41) [140183] Re: QSL and \$\$\$  
by "John J. McDonough" <wb8rcr@arrl.net>
- 42) [140184] RE: Ham Radio Magazine On cd...TT-560  
by tomb@kiva.net (Thomas H. Busch)
- 43) [140185] Re: QRP Definition - Input vs Output?

by Garey Barrell <k4oah@mindspring.com>  
44) [140186] Truffle part Trois  
by "Jay" <aj4ay@worldnet.att.net>  
45) [140187] Fw: QSL and \$\$\$  
by "Walter Amos" <waltk8cvamosqrp@earthlink.net>  
46) [140188] Re: Charge Gel Cell In Car  
by "" <markb@abq.com>  
47) [140189] RE: Ham Radio Magazine On cd...TT-560  
by Garey Barrell <k4oah@mindspring.com>  
48) [140190] Re: FSK441 at QRP Power Levels  
by sjolin@swbell.net  
49) [140191] Re: Don Wilhelm  
by "O'Rourke, Tim" <tiorourke@davidson.edu>  
50) [140192] Re: Charge Gel Cell In Car  
by "Walter Amos" <waltk8cvamosqrp@earthlink.net>  
51) [140193] Re: Why I QRP  
by Chuck Carpenter <w5usj@9plus.net>  
52) [140194] Re: FD 2002  
by Paul Womble <pwomble1@tampabay.rr.com>  
53) [140195] Re: QRP Definition - Input vs Output?  
by n8yg@rochester.rr.com  
54) [140196] SW-30+ es Freq-Mite es RockMite Keyer Chip Combo  
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
55) [140197] Greenlee Chassis punches FS  
by "Ken Simpson, W8EK" <W8EK@fdt.net>  
56) [140198] Miracle Whip Ant.  
by "John" <jdorson@worldshare.net>  
57) [140199] Question  
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
58) [140200] Beacon rules and regs?  
by Rob Matherly <w0jrm@arrl.net>  
59) [140201] RE: Ham Radio Magazine On cd...TT-560  
by tomb@kiva.net (Thomas H. Busch)  
60) [140202] Re: SideKick Builders Report de KI6DS  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
61) [140203] Re: Band was long all hunt  
by "George, W5YR" <w5yr@att.net>  
62) [140204] Coax numbers???  
by "Francis Callahan" <colcal@srv.net>  
63) [140205] Re: [fpqrp] Beacon rules and regs?  
by "Brian" <brian@iquest.net>  
64) [140206] FOX: NOUR log ver. 1  
by "Jim NOUR" <n0ur@attbi.com>  
65) [140207] RE: Coax numbers???  
by Mark Danner <MarkD@mfwl.org>  
66) [140208] Re: Vintage Fox  
by "Trevor Jacobs" <kg6cyn@earthlink.net>  
67) [140209] QRP Lunch with Brad Mitchell Saturday

by "Doug Hendricks" <ki6ds@dph.dpol.net>  
68) [140210] Increased VFO range for SideKick?  
by "Scott C. Gray" <scottcgray@attbi.com>  
69) [140211] SST for 15m ?  
by <tlogan7@cox.net>  
70) [140212] Re: Question  
by "rmcnelly@cox.net" <rmcnelly@cox.net>  
71) [140213] Re: QSL and \$\$\$  
by Bob Nielsen <nielsen@oz.net>  
72) [140214] Re: Question  
by David Hinerman <WD8CIV@worldnet.att.net>  
73) [140215] Re: HC908 Daughtercard project update  
by Somerville <somerville@uniserve.com>

-----  
Date: Thu, 14 Nov 2002 22:13:41 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: k6whp@verizon.net,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140143] Re: It really frosts me....  
Message-ID: <5.1.0.14.0.20021114221105.027c1e80@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

That is a very unacceptable solution. Would you like your daughter looking at something on eBay to suddenly find herself at a porno site.

I know I wouldn't.

Let's not punish the innocent because we don't like what someone did.

73 de Larry.....WD3P in MD  
<http://www.wd3p.net/>

At 05:45 PM 11/13/2002 -0800, William Phinizy wrote:  
>..or bounce them to a porno site!

-----  
Date: Thu, 14 Nov 2002 17:51:39 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140144] Re: QSL and \$\$\$  
Message-ID: <005501c28c30\$dcb89b80\$010044c0@chartermi.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Boy, exactly my feeling Karl. Although I think postage from most places is around 3 IRCs, some places more. Even in "affluent" European countries, most people are struggling a lot more than we are, so I feel kind of bad when a card arrives from other than the bureau. From many parts of the world that postage can be a pretty significant investment. Some sort of nice response is usually warranted. A letter is a really good idea, maybe even a snapshot.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>  
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, November 14, 2002 8:59 AM  
Subject: Re: QSL and \$\$\$

>  
> Hi Doc, it comes down to how you feel about it. You have the card so  
> your happy. We are all rich compared to almost anywhere. So a letter  
> with an IRC or 2 would be nice.

-----  
Date: Thu, 14 Nov 2002 15:43:00 -0800  
From: <giorgio9330@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [140145] FS: FT-817-Z11 etc  
Message-ID: <Springmail.0994.1037317380.0.04812600@webmail.pas.earthlink.net>

The FT-817 has been sold.  
The Z11 is in process of being sold.  
Still have the following.

MP-2 \$140.00  
TCX0-9 \$80.00 never used  
YF-122C \$100.00

regards,  
Albert Wa4cmi

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Date: Thu, 14 Nov 2002 14:48:01 -0600  
From: "pschweit" <pschweit@mninter.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140146] n5fc notebook antenna design question  
Message-ID: <007301c28c1f\$21108200\$dee7add1@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Given: that a ballenced antenna including feedline should be an odd multiple of wavelengths to the transmitter. the notebook antenna shrink the overall length through a pair of non inductive pannels.

The Question is :

how to aproximate the electrical length of the system, or what would be the correct formula to estimate this?

2) is there any effect in increasing the number of zig zags on the pannels?

3) is there any effect in the placement distance of the pannels within the system?

looking at the SSB contect this weekend

DE KA0PGQ  
Rob

-----  
Date: Thu, 14 Nov 2002 18:02:34 -0500  
From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [140147] OT: Send Your Name (and call) to Mars...  
Message-ID: <5.1.1.6.2.20021114175900.01f2d6b8@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

If you get this done before tomorrow's midnight deadline, you can get your

name (and callsign) applied to the 2003 Mars Explorer Name Disc. Go to:  
<<http://spacekids.hq.nasa.gov/2003/>> and sign up. It's free.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Thu, 14 Nov 2002 15:53:24 -0800  
From: "Tracy Markham" <tracy@bytemark.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [140148] HC908Q Demo Board  
Message-ID: <GNEOLGDJDOPEALHJMKLCKEMGDBAA.tracy@bytemark.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Someone not too long ago posted info on Motorola introducing the new Q  
series HC908's with Flash ...

I can't seem to find the old message - was it you?

I got mine ... Please respond off list, I'd like to ask a question or three  
...

Thanks!  
Tracy N4LGH

-----  
Date: Thu, 14 Nov 2002 17:09:13 -0700

From: "Chad Nelson" <galahad@boisecenter.net>  
To: <qrp-1@lehigh.edu>  
Subject: [140149] FS/trade 1921? Vibroplex Bug  
Message-ID: <002101c28c3b\$6d03f450\$c737bbd0@galahad>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello all,

        I have what I believe to be a 1921 Vibroplex Bug chipped, beaten  
and bruised that I do not need as much  
as a good used Pentium laptop with CD or best offer.

        No. 81824 can email pictures.

Thank you

        Chad Nelson KD7FDU  
        Boise Id U.S.A

-----  
Date: Thu, 14 Nov 2002 18:46:10 -0500 (EST)  
From: Chris Cartwright <ccart@phideaux.com>  
To: QRPL List <qrp-1@lehigh.edu>  
Subject: [140150] Re: No excuses TX... hmmm  
Message-ID: <Pine.LNX.4.33.0211141833370.24829-100000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Was gonna put this thing on the air and see what happens.

What happens is Mr. Murphy sits down beside you and sacrifices 5  
"cockroaches" to the god of stupidity :( I had been keying this with a  
clip lead or jumper, so to put it in the air, I wired in a jack for the  
key. Not from ground to the finals like it should be, but to the 13.8V,  
DOH!!!

The gun was loaded, cocked and pointed right at the emitters of my new  
little friends. So with the first dit, the spirits of my four favorite  
little PN2222's were set free. And since they decided they weren't going  
to silicon heaven alone, they took the odd kid on the block, little 2N3906  
along with them.

What to do, what to do? Hang on, I have a bag with 250 new little friends  
in it :) So this thing will be on the air tonight, hopefully before the  
fox hunt, and if not, I'll be on 7.0415 after. Man, this is just so much  
better than going to work !



```
-- Chris Cartwright,   Unix Administrator |      ccart@phideaux.com      --
-- N3XRV      ARRL-VE   Norcal Zombie #163 |   Oxford, PA 19363 FM29as   --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
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Date: Thu, 14 Nov 2002 14:47:26 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [140151] QRP/QRO and the Russian KW
Message-ID: <Pine.LNX.4.44.0211141438490.21809-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
```

No, that's what's known as "a Russian kilowatt," at least as I am told.

No insult intended to the many citizen amateurs of Russia and the former Soviet republics...

Back in the old days of the USSR, there were some HUGE signals coming out of eastern Europe. A friend of mine, often known to embellish stories but not to outright lie, told us of a tale of a Russian club station which was visited by an inspector during one of his visits.

He was privy to go on the inspection. They started in the high-rise apartment building with the transceiver (a.k.a. the radio room) and from there went into another room which housed "the amplifier."

>From there, they explained, the signal headed for the massive antennas on the roof. The inspector was satisfied, and departed. Shortly after his departure, the visiting friend was escorted upstairs and into yet another room, which housed the "real amplifier" which was then fed into the massive antennas on the roof.

Apparently the downstairs amplifier, good for the standard 400w or so, was merely the exciter for the "real amplifier" which was good for an estimated 10 kW.

Is it totally true? Probably not, but there may be some truth to it, having been licensed since 1984 and having been privileged to hear those monster signals from eastern Europe.

Scott N7JI

On Thu, 14 Nov 2002,  
KD5NWA wrote:

> Last night on 80 meters there was a group on and one guy said he was running  
> 3500 Watts he was S9+40, the others in the group were giving him hints on  
> how he could get it up to 5000 watts with the tube he used in his linear. I  
> guess these guys don't believe in QRP at all.

>

> Cecil

> KD5NWA

>

> > -----Original Message-----

> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> > George, W5YR

> > Sent: Wednesday, November 13, 2002 10:07 PM

> > To: Low Power Amateur Radio Discussion

> > Subject: Re: QRP Definition - Input vs Output?

> >

> >

> > Tracy, they would do just what they do now and what they have been doing  
> > ever since I can remember: use a high-efficiency antenna tuner! <:}

> >

> > That is what we used to call those "hidden" amps in the closets that the  
> > FCC wasn't supposed to see. A local ham was killed when he was working on  
> > his 8 KW linear literally in a closet and came in contact with the HV. I  
> > will leave his call unmentioned . . .

> >

> > 73/72, George

> > Amateur Radio W5YR - the Yellow Rose of Texas

> > In the 57th year and it just keeps getting better!

> > Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

> > K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

> >

> >

> > Tracy Markham wrote:

> > >

> > > ncy, right?

> > >

> > > Imagine if the FCC had left the rule to input power  
> > measurement, I wonder

> > > how the QRO guys would push the efficiency envelope ...

>

--

Scott Rosenfeld ARS N7JI

541-684-9970 Eugene, OR Land o' much rain

If you find me on the air, I'm probably in my car

ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Fri, 15 Nov 2002 02:06:44 +0000  
From: Wayne Scace <k9di@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140152] FOX: fox report. K4FB Non- foxhunters ignore:  
Message-ID: <5.1.0.14.0.20021115020418.01f36e68@IMAP.wiu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,  
Paul K4FB seems to be on 7.043 listening up 1.5 (or he was when I  
nailed him). I think I got the first bite on him tonight...does a happy dance!!  
73

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net  
LICQ# 315313  
FPQRP-L# 217  
<http://www.qsl.net/k9di>

-----  
Date: Thu, 14 Nov 2002 20:54:37 -0500  
From: "rmcnelly@cox.net" <rmcnelly@cox.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140153] Re: Charge Gel Cell In Car  
Message-ID: <B9F9BE0D.489B9%rmcnelly@cox.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

I've been using a motorcycle battery tender type charger on a 7 Ah gel cell  
and have been concerned that I may be hurting the battery.

Is this damaging to the battery?

72/73,

--Rick, KE4IZH

K2#663/Sierra  
'93 ST1100  
STOC#3210  
'83 GL650i  
Chesapeake, Va

-----  
Date: Thu, 14 Nov 2002 18:31:44 -0600  
From: Richard Clem <clem.law@usa.net>  
To: <qrp-1@lehigh.edu>  
Subject: [140154] Re: QRP Definition - Input vs Output?  
Message-ID: <200211150414.gAF4DtY6025583@rain.CC.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

I don't have an old license manual handy right now, but I think I can quote  
the regulation almost verbatim from memorizing it for my novice test in 1973: =

The legal limit was 75 watts (in the case of a novice) "DC input power to the  
final amplifier stage, exclusive of power used to heat the filament." =

I remember the question in the license manual (and on the test) listed the  
cathode voltage and current, grid voltage and current, plate voltage and  
current, and filament voltage and current, and you had to calculate the input  
power.

The correct answer was  $(IP \times EP) + (IG \times EG) + (IC \times EC)$ .

The wrong answers included the following:

$(IP + IG + IC) \times (EP + EG + EC)$  (this is the answer I came up with the first  
time I took a practice test, if I recall correctly. It seemed logical at the  
time, and sure made the math a lot easier.)

$IP \times EP =$

(IP x EP) + (IG x EG) + (IC x EC) + (IF x EF)

Ah, this takes me back--learning about all kinds of arcane things like the word "pecuniary".

73,  
Rick W0IS, ex-WN0MEB

-----  
Date: Thu, 14 Nov 2002 18:19:07 -0800  
From: "Ian Wilson" <ianmwilson@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140155] FS: MFJ gear  
Message-ID: <002901c28c4d\$60ce52e0\$0b02a8c0@trabucoserver>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A friend is looking to sell her MFJ gear: 9015 & 9040 rigs, and 4114 power pack.  
I will forward any offers. I may see them on Friday & can report on condition later.

73 de ian, k3imw/6

-----  
Date: Thu, 14 Nov 2002 18:17:01 -0700  
From: "John McClain" <digi2@earthlink.net>  
To: <k7qo@earthlink.net>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140156] Re: SideKick Builders Report de KI6DS  
Message-ID: <002601c28c44\$b46e7dc0\$6501a8c0@phoenix.speedchoice.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

But how did the Sidekick perform?

John  
K7SVV  
k7svv@arrl.net  
K1 #1378, K2 #2569, SST 20, Rock Mite 20, Rock Mite 40, Nor'Easter

----- Original Message -----

From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, November 14, 2002 11:33 AM  
Subject: Re: SideKick Builders Report de KI6DS

> At 11:19 PM 11/12/2002 -0800, Doug Hendricks wrote:  
>  
>  
> >...snip snip...  
>  
>  
>  
> >Assembly Suggestions:  
> >1) The manual on sheet 1, step 1 describes the Manhattan pad sizes.  
The  
> >smallest pads are called out as being 1/8 inch by 3/16 inch. I  
found this to  
> >be too large almost everywhere on the board. For the smallest pads,  
I used a  
> >size of 1/8 inch by 3/32 inch. This is the same size as Jim Kortge  
K8IQY  
> >suggests in his 2N2/40 article in QRPP.  
> >  
>  
> I built my SideKick but I, being a fan of round pads and the  
neatness factor,  
> decided to bite the bullet and go with the rectangular pads, but I  
found the  
> material in the kit for the pads too large for my liking. But I  
decided  
> to, in the same fashion that I used for the IC mounting pad jig,  
create a  
> technique for making the pads using the shear. I did this shortly  
after  
> Pacificon, but I am working on writing up the technique for creating  
> the pads with photos. I have done so but I'm in  
> a crunch for several articles that I have been asked to write for  
several  
> newsletters. And this stuff takes time as there is a lot of stuff  
that goes

> on behind the curtains before an article is completed. And remember  
I  
> lost use of my shear for a couple of days when I broke it. And then  
that  
> caused a trip to the doctor several days after that 'cuz I thought I  
was  
> having a chest pains but it was a strain due to pulled rib cage. I  
did  
> apply a little pressure when I broke the shear. :-) Then there was  
SS  
> and WY trip, .... No excuses, just I'm not in any hurry on some of  
> the stuff and the web page..... And Wednesdays are spent earning  
> extra money to pay for this stuff. Yesterday paid for another Argo  
V. :-)  
>  
> Just a quick note on the electric toaster and paint. I have found  
that  
> 150 degrees for more than a couple of hours seems to be the right  
> combination. At the higher temps, say 250 degrees F, the paint  
> becomes discolored and you should just be patient and take the  
longer  
> times and lower temps to get a professional result. And it is so  
much  
> better to have the fumes out in the garage/shop area than in the  
house.  
> The EPA and you and your family will be greatly appreciative of the  
> extra \$30 for the toaster and that is money well spent. IMHO.  
>  
> I finished a SW-30+ that I bought at Pacificon from K1SWL, with the  
freq-mite  
> and RockMite keyer chip. That's \$55 + \$20 + \$5 = \$80 for a 30 meter  
rig with  
> additional small expenses for connectors and two pots. What I wind  
up with  
> is a 30 meter xcvr with AFA (audio output for frequency location)  
and  
> a complete Iambic Keyer. That is the best price I've found for a  
single  
> band rig with keyer. And you can get it for 80, 40, 30, and 20  
meters  
> (SW-XX+ series where XX is one of the above bands). And the case  
> cost me about \$3.00 in materials including paint and primer. :-)  
>  
> One of the biggest hidden (well, OK, not so hidden) expenses to this  
> hobby is the years of collecting tools. If you just buy the basics:  
>  
> 1. Soldering Iron and Solder  
> 2. Chain Nose Pliers

> 3. Diagonal Cutters  
> 4. Hobby Knife  
> 5. Wire Stripper  
> 6. Screwdrivers  
> ...  
>  
> AND then start in on the expensive items  
>  
> N. Drill Press  
> N+1. Shear/Brake/Roller Combo  
> N+2. Toaster  
>  
> and the list grows monthly....  
>  
> You find that you have some pretty serious money tied up for  
building  
> stuff. But I look at it as being much much cheaper than seeking  
> professional help from PhD's in Psychology at more that \$150 per  
hour. :-)  
> And then again we really don't have to justify the money spent on  
any  
> hobby. We do it because it is just there. And we are having fun.  
>  
> So keep building and I'll try sometime next week to get the pics of  
> the SideKick and the pad scheme on the web page. I have another  
> SWL receiver on the web page built with the round pads with  
> the transmitter section as work in progress when I get back to it.  
> It's more fun to have several projects going at once. ;-)  
>  
>  
> FYI  
>  
>  
>  
>  
>  
>  
> Chuck Adams, K7QO  
> <http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>  
>  
> Moving to Arizona? ---- Please bring your own water.  
>

-----

Date: Thu, 14 Nov 2002 21:33:33 -0500



From: "Bob Schreibmaier" <k3ph@ptd.net>  
To: <qrp-1@lehigh.edu>  
Subject: [140157] Foxii!  
Message-ID: <001301c28c4f\$651e8840\$6800a8c0@msns.leh.ptd.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

K4FB around 7043 and N0UR around 7038. Pretty easy tonight.  
(At least, from this neck of the woods!) 8^)

72,  
Bob  
K3PH

```
+-----+  
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net      |  
| Kresgeville, PA 18333 | http://home.ptd.net/~k3ph |  
+-----+
```

-----  
Date: Thu, 14 Nov 2002 21:52:38 -0500  
From: "Jim" <ku4qw@yahoo.com>  
To: <qrp-1@lehigh.edu>  
Subject: [140158] Ham Radio Magazine On cd...TT-560  
Message-ID: <000501c28c52\$0fa0d280\$0100000a@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I always loved Ham Radio Magazine, I only have like 4 issues of it, but still I think it was GREAT!! That got me to thinking, I wish someone would but that on cd...Then I check google and wow ARRL has it on cd, kind of pricie for me, but I'll slowly buy the up...

My question is, anyone have them, how are they, is it pdf, how many cds per set?

This will get added to my someday list just like I would love to have all the qstviews....same question for those, anyone have them, how are they, pdf, how many cds per set?

On the other note, I got my Ten-Tec Corsair out of the closet today and just have a long wire up in the tree about 50 ft long. I got on 40 meter using about 10 watts and answered a cq, he came right back to me, he was running 1500 watts WoW, he turned the amp off just used the FT-1000 at 200 watts, he

was very suprised I was only running 10 watts...Is 10 watts ssb still qrp,  
5 watts cw, 10 watts ssb? Anyway even if it's not it was fun...(i'm new to  
this ssb stuff, really a blast...)

72  
jim

-----  
Date: Thu, 14 Nov 2002 22:17:15 -0500  
From: NV9Z@aol.com  
To: qrp-l@lehigh.edu  
Subject: [140159] WTB: Iambic Keyer  
Message-ID: <54272C7D.4D201C5A.00002FF3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Hi QRPers!

I am looking for an imabic keyer for my new QRO rig. Anyone got an extra one  
laying around that you would like to sell?

Please contact me off list at NV9Z@aol.com.

Thanks and very 73/72!

Chris Blaase NV9Z QRP-L #2370  
Hagerstown IN

-----  
Date: Thu, 14 Nov 2002 21:34:27 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <dock0evz@earthlink.net>, <qrp-l@lehigh.edu>  
Subject: [140160] DX QSL Postage opinion  
Message-ID: <01ea01c28c57\$e685b180\$4e100a0a@rohredt2000>

Having been DX, and not making there as much as one makes here, typically,  
it would be a nice thing to have reimbursement for extra postage I might put  
on a QSL so you will get it quicker, or reliably. The surface mail to and  
from some countries is not reliable, and air mail is about all you can  
(maybe) count on.

72, Stuart K5KVH

-----  
Date: Thu, 14 Nov 2002 22:35:12 -0500  
From: "Jim Stamper" <jstamper@shentel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140161] FOW: Good night in VA  
Message-ID: <002501c28c58\$0386ece0\$641c6fcc@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Got the Truffle and both Foxes tonight. Signals nice and strong. All three operators know what they are doing and are very good at it.

73,  
jim-  
KG4LDY

-----  
Date: Thu, 14 Nov 2002 22:52:31 -0500  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140162] FOX: Good hunt and Loco-Motives needs one more!!!  
Message-ID: <00ac01c28c5a\$6cf97bf0\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi guys,

First, great hunt tonight. Bagged em both. Also gave my new vertical a chance to stretch her legs. We need only one more team member for the Loco-Motives. Let me know if interested....

72  
Jason Hissong  
N8XE

-----  
Date: Thu, 14 Nov 2002 22:02:19 -0600  
From: "Jay" <aj4ay@worldnet.att.net>

To: "QRPL" <qrp-1@lehigh.edu>, "Flying Pigs" <fpqrp-1@mpna.com>  
Subject: [140163] Truffle Report # Deux  
Message-ID: <006f01c28c5b\$cb75ee0\$3070560c@jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry everyone,

I managed to leave Dave WR50 out of my report. His information is:

0155 WR50 TX (another pesky Texican) Dave 5W

72 & CUL!

Jay  
AJ4AY  
Mobile, AL  
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

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Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.417 / Virus Database: 233 - Release Date: 11/8/2002

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Date: Thu, 14 Nov 2002 21:51:09 -0600  
From: "Jay" <aj4ay@worldnet.att.net>  
To: "QRPL" <qrp-1@lehigh.edu>, "Flying Pigs" <fpqrp-1@mpna.com>  
Subject: [140164] Truffle FUN  
Message-ID: <004f01c28c5a\$3bf20fe0\$3070560c@jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All,

My sincerest thanks for a really fun 30 minutes. The pack was very well behaved and made my truffle experience a real joy.

Conditions were very good on this end. I seem to have a pipe line to TX as those pesky texicans were out in full force. The loop really performed well tonight and was far and away better than the end fed wire. It appears that I was able to work 17 SPC's. Most notable was MS and SC which are rare ones for me. Thanks to Herb and Frank for those. It looks like I managed to catch some stations from all over the countryside.

Thanks again. It was my pleasure to operate for the great group we have.

This is a preliminary log. I logged everyone's RST as 559. Please forward any corrections.

Jay

AJ4AY

Mobile, AL

QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

MY  
RST

0131	W5YR	559	TX	GEORGE	5W	
0132	K4GT	559	GA	JIM		5W
0133	AF4PS	599	FL	MAC		5W
0133	N4BP	599	FL	BOB		5W
0134	AE4Y	579	GA	KENT		5W
0135	N5ZE	559	TX	LEW		5W
0135	K5SE	559	TX	DALE		5W
0136	K5NW	559	TX	DON		5W
0137	N5EBD	559	TX	KEN		5W
0139	W9TZE	579	WI	JIM		5W
0140	N1TP	579	FL	TOM		5W
0140	K4FB	599	FL	PAUL		5W
0141	K8CV	559	MI	WALT		5W
0142	N3XRV	559	PA	CHRIS		5W
0143	K3ESE	559	MD	LLOYD		5W
0144	K5AIC	599	MS	HERB		5W
0145	K5JHP	559	TX	BILL		5W
0146	W5TB	559	TX	DOC		5W
0147	K4ADI	599	SC	FRANK		5W
0148	KG4LDY	559	VA	JIM		5W
0149	W6USJ	55N	TX	CHUCK		5W
0150	AC5JH	559	OK	TOM		5W
0150	WE9K	599	WI	GLENN		5W
0151	KB9YIG	569	IN	TONY		5W
0152	N3BJ	559	VA	ALAN		5W
0153	W0CH	559	MO	DAVE		5W
0155	K2PQ	559	NJ	FRANK		5W
0157	N1ZSW	559	MA	RON		5W
0159	AG0T	559	ND	TODD		4W

---

Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.417 / Virus Database: 233 - Release Date: 11/8/2002

-----  
Date: Thu, 14 Nov 2002 23:15:11 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140165] Re: QRP/QRO and the Russian KW  
Message-ID: <5.0.2.1.0.20021114230711.00a046e0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

An old novice trick was to snuggle up next to one of these stations and flip the BF0 off.

If you got close enough you did not need your BF0.: -)

73 Pete NV4V

-----  
Date: Thu, 14 Nov 2002 23:03:31 -0500  
From: "Tom Palmer" <n1tp@swfla.rr.com>  
To: <qrp-1@lehigh.edu>  
Subject: [140166] FOX: Band was long all hunt  
Message-ID: <000501c28c5b\$f653e100\$6b2a0843@swfla.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Bagged a pelt from NOUR (Jim in Minn.) at 0220 UTC. He was stronger into SW FL then reasonably anticipated. Paul (K4FB near Tampa) was VERY weak throughout the hunt. Did not bag a pelt from Paul until about 0344. During the first hour the hounds calling Paul were very much louder then Paul, especially them Pesky Texans (as always) and many Hounds in Colo., Missouri, and even Pa.

Tom, N1TP  
Naples, Florida

-----  
Date: Thu, 14 Nov 2002 23:16:22 -0700  
From: Chris Howard <chris@yipyp.com>  
To: qrp-l@lehigh.edu  
Subject: [140167] replies to my tetrode question  
Message-ID: <20021114231622.33811@amos.estprk.co.charter.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Thanks for the many interesting replies to my  
amplifier/tetrode question.

The short answer was: No, there is no solid state  
device that is comparable to a tetrode tube.

One person pointed me at some articles on Class E  
amplifiers. That was really interesting.

Thanks again.

Chris  
kc0atc

--  
Chris Howard  
chris@yipyp.com  
current Estes Park weather -- <http://www.yipyp.com/wscurrent.html>  
YipYap.Com  
Estes Park, Colorado USA

-----  
Date: Thu, 14 Nov 2002 23:27:44 -0500  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140168] Fox- K4FB report  
Message-ID: <3DD477C0.B6B3B201@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Wow!

130 hounds in the log. There were still several callers at the end but I could not pull you guys out of the noise. Sorry.

Log will be out sometime tomorrow. Several new calls in the log.  
Welcome!

73  
Paul K4FB

-----  
Date: Thu, 14 Nov 2002 22:54:30 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140169] FOX: Thanks for a fun Twofer!!!  
Message-ID: <000d01c28c73\$d9764650\$aa0df4d8@etclink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Fellow FOXII Hunters,

Was a tough night from Southern CA tonight. Jim was quite strong in the first half hour and I'm pretty sure I worked him, but when I turned it back to him, there was already a few hound calling, so Jim hope you got the exchange.

Paul came WAY up in the second hour. He was at ESP levels the first half of the hunt, and I was able to pounce on him right after Michael K6MMC.

Thanks to both FOXII for a very fun and challenging evening!

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Thu, 14 Nov 2002 21:05:37 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-1@lehigh.edu  
Subject: [140170] FOX: Good Night for New Mexico  
Message-ID: <Pine.LNX.4.44.0211142054540.1372-1000000@Bucket.dog>  
MIME-Version: 1.0



Content-Type: TEXT/PLAIN; charset=US-ASCII

I was late to my meeting but got Paul K4FB from my mobile radio with a 40 meter HamStik antenna about 6 feet high. Paul was 589 even on that poor antenna and he heard me during the coffee break.

When I got home around 0330 UTC I had no idea where Jim was hiding out but found him at 7.038 working guys on his own frequency. I gave him one call from my Killer Vertical and he heard me. He was 549 even on the good antenna. I'm sure Jim was weak due to the solar problems that make the North-South path bad. I say that because we are all using 5 watts to good antenna's and Jim was 4 s units lower than Paul. The distance to Paul is about 1 2/2 times the distance to Jim.

But no complaints at all. I bagged both Fox fair and square with my trusty FT-817 running full out power...:-)

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Thu, 14 Nov 2002 21:10:28 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140171] Sold Out: Experimenter's DDS Signal Generator  
Message-ID: <01f001c28c65\$508871a0\$67e3b3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry Guys,

The last kit sold this morning. If you are interested in purchasing one of these kits, please send me an e-mail, and I'll let you guys know if and when I order another batch. Just depends on how many people want it. Thanks for the interest!

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Fri, 15 Nov 2002 05:41:19 +0000  
From: "Dennis Ponsness" <wb0wao@hotmail.com>  
To: ham@w3eax.umd.edu, qrp-1@lehigh.edu  
Subject: [140172] Re: QRP/QRO and the Russian KW  
Message-ID: <F173QV6uPDVniSnRMWu00000001e@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

No, no, no....

That wasn't an amplifier on the roof, it was an "active antenna tuner"....

72 es oo

Dennis - WB0WAO

NJQRP #329  
FPQRP #-347  
SOC #499  
FISTS # 9299  
GACW #622  
ARS #1363

-----  
The new MSN 8: smart spam protection and 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

-----  
Date: Fri, 15 Nov 2002 00:28:06 -0800  
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140173] Meteor Scatter on Nov 19 - 6M and up ((long))  
Message-ID: <001501c28c80\$ee5efbe0\$5c3ccd18@charterpipeline.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Meteor Scatter on 6m or 2m coming up ..... I've never worked meteor scatter,  
but others reportedly have.

Here are details in a news release from Jet Propulsion Laboratory, Pasadena, Calif.

NEWS RELEASE 2002-208  
November 14, 2002

#### NASA PREPARES FOR 'LAST CHANCE' METEOR SHOWER

The early morning hours of Nov. 19 may be your last chance to see the spectacular Leonid meteor shower in its full glory, according to astronomers.

"Even with the full Moon, this year's Leonids will probably be better than any other for the next hundred years," said Dr. Don Yeomans, an astronomer at NASA's Jet Propulsion Laboratory, Pasadena, Calif. "If you're ever going to see them, this might be the year to try." NASA is taking advantage of the event for several research efforts around the world.

The shower is predicted to have two peaks, each a couple of hours long, during which the most meteors can be seen. The shower's second peak, most prominent in North American skies, is expected at around 2:30 a.m. (Pacific time) Nov. 19, and promises the rare spectacle of a few meteors every minute or even more. "Observers in good locations away from city lights might see a few hundred per hour. You'll only get to see the bright ones because the moonlight will wash out the ones that aren't as bright," said Yeomans. Last year, observers did not have to contend with the Moon and saw meteors at a pace of several hundred per hour.

An earlier peak is expected over Europe and Africa the night of Nov. 18, and observers in North America might see a few grazers -- meteors skimming the top of the atmosphere -- from this first peak starting around 8:30 p.m. (Pacific time) Nov. 18.

The Leonids are grains of dust from comet Tempel-Tuttle colliding into Earth's atmosphere. Most Leonid particles are tiny and will vaporize very high in the atmosphere due to their extreme speed (about 71 kilometers or 44 miles per second), so they present no threat to people on the ground or even in airplanes. As it progresses in its 33-year orbit, the comet releases dust particles every time it comes near the Sun. Earth intersects the comet's debris trail every year in mid-November, but the intensity of each year's Leonid meteor shower depends on whether Earth ploughs through a particularly concentrated stream of dust within the broader debris trail.

The dust that Tempel-Tuttle shed in 1866 makes up the stream predicted to give Americans a good show this year. Last year, people in Asia saw the plentiful collisions within that stream. A dust stream from 1767 provided last year's peak hour of viewing in North America and will provide this year's peak hour of viewing in Europe. After 2002, Earth won't hit either of

those streams again for decades to come, and is not predicted to encounter a dense Leonid stream until 2098 or 2131.

The golden rule for watching the Leonids -- or any meteor shower -- is to be comfortable. Be sure to wrap up warmly -- a sleeping bag placed atop a lawn chair facing east is a good way to enjoy the show. Put your chair in a clear, dark place with a view of as much of the sky as possible. Don't stare at any one place. Keep your eyes moving across the sky. Most Leonids will appear as fleeting streaks of light, but watch for the bigger ones that produce fireballs and trails. Some trails will remain visible for several minutes or more.

The Leonids get their name from the constellation where they appear to originate; the meteors will be radiating from the Sickle pattern in the constellation Leo the Lion, which will be rising out of the east-northeast sky. Don't look directly at the constellation, but at the area above and around it. And, though you don't need them to see the Leonids, a pair of binoculars could come in handy.

NASA engineers will be using some pretty simple test gear to check the propagation using meteors.

"Our system is pretty simple," said Dr. Rob Suggs. "We use an antenna and a computer-controlled shortwave receiver to listen for 67 megahertz signals from distant TV stations." The transmitters are over the horizon and normally out of range. When a meteor streaks overhead, the system records a brief ping -- the echo of a TV signal bouncing off the meteor's trail. Like the image-intensified cameras, this system is capable of detecting meteors too dim to see with the unaided eye.

RADIO AMATEURS USING 6M AND 2M AND HIGHER FREQUENCIES ARE EXPECTED TO BE ABLE TO MAKE 'METEOR SCATTER QSO'S' IN THE SAME MANNER.... IF YOU HAVE VHF GEAR, SEE WHAT YOU CAN WORK..... OR IF YOU CAN'T WORK ANYONE, SEE IF YOU CAN COPY CALL LETTERS.....

DON'T EXPECT A HANDY TALKIE WITH A RUBBER DUCKIE ANTENNA TO BRING IN SIGNALS -- YOU'LL PROBABLY NEED A FULL SIZE DIPOLE OR SHORT YAGI ANTENNA.

For more information, including predicted peak times for major cities and NASA media contacts, refer to  
<http://www.gsfc.nasa.gov/topstory/2002/1114leonid.html> .

- end -

Alan Kaul, W6RCL, LaCanada, CA  
w6rcl@amsat.org  
<http://home.att.net/~alan.kaul/index.html>

-----  
Date: Thu, 14 Nov 2002 19:22:22 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: qrp-l@lehigh.edu  
Cc: n1fn@MorseX.com  
Subject: [140174] Fox: final log N7CQR  
Message-ID: <p05010405b9fa1344e95b@[216.26.2.79]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

UTC	Call	Rst	SPC	Name	Pwr
0200	KB7WW	599	OR	Art	5W
0202	VE6EX	559	AB	Dan	5W
0202	WW7Y	599	UT	Steve	5W
0203	WB7AEI	599	WA	Phil	5W
0204	N1FN	559	CO	ET	5W
0205	VA6RF	599	AB	Earl	5W
0206	K0FRP	579	CO	Al	5W
0207	N0UR	599	MI	Jim	5W
0208	W9UQB/7	559	AZ	Mike	5W
0208	KG6CYN	559	CA	Trev	2W
0210	K6MMC	559	CA	Mike	5W
0213	WA7TQK	559	ID	Bill	5W
0213	W5YR	559	TX	George	5W
0214	NQ7X	559	AZ	Floyd	5W
0215	N0DSP	559	CO	Tom	5W
0215	K8HJ	559	MI	John	5W
0222	K5SR	559	TX	Dale	5W
0223	K5DW	559	TX	DON	5W
0225	N4ROA	559	VA	Dan	5W
0225	W0CH	559	MO	Dave	5W
0227	N2WW	559	CO	Larry	5W
0228	W9XR	559	WI	Spence	5W
0230	KI0II	559	Co	Ron	1W
0231	AC5JH	559	OK	TOM	5W
0231	AK7Y	559	AZ	Greg	5W
0232	NK6A	599	CA	Don	5W
0233	K3IU	559	RI	KEN	5W
0233	W5USJ	559	TX	Chuck	5W

0234	W0RSP	569	SD	Ade	4W
0236	VE6JAZ	559	AB	Rob	5W
0237	W6AZ	559	CA	Ron	5W
0239	AC7A	559	AZ	Tom	5W
0240	KK5LD	559	TX	Dan	5W
0241	N9NE	559	WI	Todd	5W
0246	K5DI	559	NM	Karl	5W
0250	N0TU	559	CO	Ron	5W
0251	K5E0A	559	LA	Wayne	5W
0251	K5JHP	559	TX	BILL	5W
0254	AJ4AY	559	AL	Jay	5W
0258	N0WK	539	MN	Mike	5W
0303	AB5XQ	559	AR	Bill	5W
0304	K4GT	559	GA	Jim	5W
0305	AK7D	559	OR	Fred	500 mW
0310	KQ5U	559	TX	TERRY	5W
0311	KR0U	559	CO	Tim	5W
0312	AA7EQ	559	AZ	Bob	5W
0318	K5TR	559	TX	George	5W
0319	N0SG	559	CO	Jason	5W
0320	K9DC	559	IN	Dave	5W
0323	K6IFF	579	CA	Bill	10W
0324	K0PC	599	MN	Pat	5W
0325	NM5M	559	TX	Eric	5W
0326	VE5DC	559	SK	JERRY	1W
0327	AD6JY	559	CA	DAN	5W
0328	WA9TZE	559	WI	Jim	5W
0330	W9XU	559	WI	Lon	5W
0333	N5WL	559	OK	Bart	5W
0335	AF4LQ	559	KY	Mike	5W
0336	W0PWE	559	IA	Jerry	5W
0337	N9AW	559	WI	Jerry	5W
0338	WE9K	559	WI	Glenn	5W
0339	K40AH	559	GA	Garey	5W
0340	K5FSE	599	GA	Jack	5W
0341	NK9G	559	WI	Rick	5W
0342	KJ0C	549	MO	Jim	5W
0344	K4TJD	559	GA	Tom	5W
0346	AB9CA	559	AL	Dave	5W
0349	N1TP	339	FL	Tom	5W
0352	N5ZE	559	TX	Lew	5W
0353	K4ADI	339	SC	Frank	5W
0355	W8YMO	559	OH	Harry	5W
0358	WA8BXN	599	OH	Mike	5W
0359	K4FB	449	FL	Paul	5W
0400	WD7Z	559	NM	Fox	5W
0400	N7CQR	559	OR	FOX	5W

-----

--

Dan Presley  
talljazz@teleport.com  
(503) 232-8244  
pager (503) 229-8682

-----

Date: Thu, 14 Nov 2002 20:06:55 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: k5di@zianet.com  
Cc: qrp-l@lehigh.edu  
Subject: [140175] Re: FOX; Tomorrow  
Message-ID: <p05010406b9fa22d99290@[216.26.2.79]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>Hi Jim, I suspect if you cut the power down to 1 watt you can still work  
>the close in stations fine. People like me 1000+ miles away will hear  
>nothing and leave you alone. I will concentrate on Paul who I hope will  
>run 6DB more power than you are...:-)

>

Thank god Jim has the right idea for the hunt! A number of stations  
from all over the country have worked me with less than 1W. It's a  
test of skill :)

--

Dan Presley-N7CQR-Portland, Or QRP-L #502  
n7cqr@arrl.net

-----

Date: Fri, 15 Nov 2002 07:42:42 -0500  
From: John Zaruba <jzaruba@mac.com>  
To: Low Discussion <qrp-l@lehigh.edu>  
Subject: [140176] FSK441 at QRP Power Levels  
Message-ID: <BBDF9DD8-F897-11D6-856F-00039367EFA0@mac.com>  
Mime-Version: 1.0 (Apple Message framework v548)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

Gangue,

I was wondering if anyone has tried Meteor Scatter / FSK441 at QRP  
power levels? I'm trying to determine if it's worth the effort to put a  
2m yagi on my tower to use with my FT-817.

73,

John AA2BN

-----  
Date: Fri, 15 Nov 2002 04:44:17 -0600  
From: "Max Moon" <maxmoon@umn.edu>  
To: <qrp-1@lehigh.edu>  
Subject: [140177] Why I QRP  
Message-ID: <012801c28c93\$f3088c20\$9739fea9@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Fellow Hams--

Last month, in CQ Magazine, Bob Locher, W9KNI, wrote a piece called "Musings on an Experiment in QRP" (it's also available at the Elecraft web site, [http://www.elecraft.com/TechNotes/QRP\\_Musings\\_CQ.pdf](http://www.elecraft.com/TechNotes/QRP_Musings_CQ.pdf) ). In discussing how QRP (as he defines it) revitalized his interest in the hobby of amateur radio, Mr. Locher considers some of the fundamentals: What is QRP? Who does QRP? And so forth. The article is thought-provoking; some might say it's just provokes.

To begin, he is up-front about what QRP means to him (notably, "Many QRP operators limit themselves to 5 watts output, or 10 watts on SSB. Somehow these arbitrary numbers became the official QRP maximums. I do not subscribe to this limitation. When I hooked up the little rig, my wattmeter said I was getting 12 watts out. That worked for me.")

Elsewhere, he considers some situations where he thinks QRP might be justifiably rejected, such as while rag chewing, or when hearing exotic DX via secondary or long paths that make it virtually impossible to work them QRP.

In a different vein, Mr. Locher discusses what he calls the QRP mindset (e.g., "Many seem to have a WWII spy mentality, taking great delight in making working miniaturized transceivers in tiny containers . . .").

But what interested me most was his description of the QRP community. He summarizes, "Beyond a doubt, QRPers are one of the most dynamic groups in HF operating today." A few sentences prior, among some specific illustrations of the diversity our dynamic group, he says, "Obviously, some QRPers are masochists. Some are minimalists, some are thrifty by choice or necessity, some run QRP as the only viable solution to RFI problems, some like operating handicaps."



There was more but that serves to illustrate. Yet after finishing Mr. Locher's interesting essay, I was left wondering where I fit in. I hadn't read something and said, Yes, That's it, that's exactly what I think, that's why I do QRP?

I learned about the world of QRP while studying for my FCC exams. It was clear to me from my reading that, if I could pass the tests, I would operate HF CW QRP. It was obvious, it was simple. I didn't have any doubt--as I understood QRP, it reflected some of my basic values. The notion of using the least power necessary for a QSO (similar to, "Do I need a vehicle that has a 500-cubic-inch engine and can tow 11,000 pounds to go pick up a pizza?") resonated with my preference for conservation. Also, I wanted to be the best ham I could and the challenges (or limitations) of QRP were supposed to help develop excellent operating skills. And from the perspective of being a "student" of ham radio, a wannabe still on the outside, the QRP community looked exciting and welcoming (I know, I know, but that was before I saw some of the rancorous comments that show up here on occasion :-0 ). QRPers were experimenting and sharing and having fun. No doubt about it, I wanted to be part of that group.

As it happens, I was right (or lucky ;-). I'm perfectly happy with QRP: with you, me, with it. Maybe in a few years, like Mr. Locher, I'll want to have 100W a push-button away and 1,500W as near as a second switch. From today's perspective, though, that looks as likely as wanting to get 6.5MPG driving to pick up a pizza.

This left me wondering about others on this list. There must be some really interesting stories here. Why do YOU QRP?

Max, k0max

PS: Once again, to read W9KNI's piece in the October 2002 CQ Magazine, click: [http://www.elecrafter.com/TechNotes/QRP\\_Musings\\_CQ.pdf](http://www.elecrafter.com/TechNotes/QRP_Musings_CQ.pdf)

-----  
Date: Fri, 15 Nov 2002 08:43:10 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140178] FD 2002  
Message-ID: <3DD4B39E.26446.9535728@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Perusing the listings in December QST, I note under Class 1B-Battery several listings that show the power level as "2." That is "up to 150W." I thought the rules on the "battery" class limited you to 5W? I see the same under "2B-battery." Not just 1 or 2 listings, but quite a few.

Also under 1B-battery, I see one listing showing 10 operators! Another shows 3 operators.

I guess I better re-read the rules.

---

+-----+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net [UPDATED]  
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Fri, 15 Nov 2002 08:40:24 -0500  
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>  
Subject: [140179] RE: QSL and \$\$\$  
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30AB0@ev008msxaege.ae.ge.com>  
MIME-Version: 1.0  
Content-Type: text/plain

When I make an "all new one", I'll send a QSL direct with \$2. Central or South America, I'll send \$1.

I used to send IRC's but they're a pain and not much less than just a couple of greebacks. Side note: for European contacts, I wonder if Euros would be a better alternative to IRCs? I suppose one could get a stack of Euros and send the proper amount - no exchange issues for the DX station - how convenient.

I've always had good success with this method and quickly got my phone DXCC last May - quite expensive, though (\$2 for return postage + \$.80 for airmail postage). Now I'm working on my CW DXCC and I'm trying to use the buro. I really don't know how the buro is going to work, I send a lot of buro cards, but don't get many back. For instance, almost a year ago, I sent nearly 100 cards to the Russian buro, but have never received any back - I wonder if there is a functional Russian buro anymore.

Enough rambling. I feel OK sending the DX station \$2 for postage. Some places this is more than enough.

Mark, AA4MF

-----Original Message-----

From: Doc K0EVZ [mailto:dock0evz@earthlink.net]  
Sent: Wednesday, November 13, 2002 3:00 AM  
To: Low Power Amateur Radio Discussion  
Subject: QSL and \$\$\$

Gang:

A question about proper etiquette in QSLing. What if the DX has spent twice as much for postage as the USA operator sent him? Should the USA ham send some more funds? The DX in this case is a private individual and not a QSL manager. Ideas?

73,  
--Doc/K0EVZ

-----  
Date: Fri, 15 Nov 2002 06:17:39 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Dan Presley <talljazz@teleport.com>  
Cc: qrp-l@lehigh.edu  
Subject: [140180] Re: FOX; Tomorrow  
Message-ID: <Pine.LNX.4.44.0211150606270.1264-100000@Bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dan, I don't agree. For a person working QRPp it is a lot different than a Fox. You do wait for good propagation just as I do with my mighty 5 watts. But I don't have to wait as long. When a station running 100 watts is s8, I can try to get him because I will be s4-5. You must wait for s9+ before the other guy can hear you.

At 5 watts Jim last evening was s4 here very south of him. He gave me 559 mn jim 5w so he was I assume running 5 watts. If he was running 1 watt he would have been s2-3 and I would not have worked him.

Paul on the other hand had the propagation or runs 100 watts...:-) He could have dropped his power to 1 watt and I would have worked him still. But not the west coast. At 5 watts I heard Paul working the west coast.

On Thu, 14 Nov 2002, Dan Presley wrote:

> >Hi Jim, I suspect if you cut the power down to 1 watt you can still work  
> >the close in stations fine. People like me 1000+ miles away will hear  
> >nothing and leave you alone. I will concentrate on Paul who I hope will  
> >run 6DB more power than you are...:-)  
> >  
> Thank god Jim has the right idea for the hunt! A number of stations  
> from all over the country have worked me with less than 1W. It's a  
> test of skill :)  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 15 Nov 2002 09:02:03 -0500  
From: "Brian" <brian@iquest.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [140181] Don Wilhelm  
Message-ID: <002301c28caf\$93b89c30\$296b2bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am trying to reach Don Wilhelm. I bought a set of crystals from him  
about 18 months ago for the SWL+ 30 project that got abandoned.

I need to send him an email.

Anyone have a address for him?

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Fri, 15 Nov 2002 08:23:44 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140182] FOX: Vintage Fox  
Message-ID: <3DD4AF10.32690.9418CD5@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Got both foxii with my trusty old HT-18/S-53A combo, banging away at a straight key.

I had sent "5W" but afterward I looked at the wattmeter...I was only getting 2W out of the old HT-18.

---  
+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Fri, 15 Nov 2002 09:30:18 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <Mark.Fancher@ae.ge.com>  
Subject: [140183] Re: QSL and \$\$\$  
Message-ID: <004101c28cb3\$89b57380\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
Subject: RE: QSL and \$\$\$

> postage). Now I'm working on my CW DXCC and I'm trying to  
> use the buro. I really don't know how the buro is going to  
> work, I send a lot of buro cards, but don't get many back.  
> For instance, almost a year ago, I sent nearly 100 cards to  
> the Russian buro, but have never received any back - I

> wonder if there is a functional Russian buro anymore.

The bureau works pretty well, but it takes a long time. Just a couple of weeks ago I got a stack of cards from the incoming bureau. There were a few from December 2001, but there were also some from February 1999!

I assume you have envelopes on file? If you don't, nothing will come back!

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Fri, 15 Nov 2002 09:51:15 -0500 (EST)  
From: tomb@kiva.net (Thomas H. Busch)  
To: qrp-l@lehigh.edu  
Subject: [140184] RE: Ham Radio Magazine On cd...TT-560  
Message-ID: <20021115145115.4FB1C34F11@mayhem.kiva.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello, Jim.

I have both. The HR CDs are pretty handy. I \*think\* they are all PDF

With the QST-Views, I think the last set is PDF, and the rest are all TIFF images. If you get any QSTs, get the last one, because it has a better search and index feature IMHO. Also, it will index ALL of the rest of the discs too, and allow you to cross searches over the QST, HR, and QEX CDs.

One bummer on the early QST CDs. In the early years, QST did a lot of "continued on page..." at the end of their articles. These extra pages are not included in the indexes for the articles, so if you want to print them out, you have to be sure to read the last page of the set. If there is a "continued on..." note, you have to do another print to get that last page. Kind of a bug in the way they are put together, but it still is very nice to have that information when you want it.

I built my set up one at a time as you are planning. I just pick up a new one at each hamfest I went to. It's more expensive that way, but easier to take.

I wish CQ would do the same thing.

73,

TomB WB8WOR

-----  
Date: Fri, 15 Nov 2002 09:20:13 -0500  
From: Garey Barrell <k4oah@mindspring.com>  
To: clem.law@usa.net,  
    "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140185] Re: QRP Definition - Input vs Output?  
Message-ID: <5.1.0.14.0.20021115090716.00a20d40@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Rick -

Not quite.

The correct formula would have been  $(IP \times EP) + (IG \times EG) \_ = \_ (IC \times EC)$ .

FCC Part 97.7 (e) (1) from a 1965 License Manual says:

"The d.c. plate power input to the vacuum tube or tubes supplying power to the antenna shall not exceed 75 watts."

From the Novice Class Q & A section:

"The input power is determined by measuring the direct-current plate voltage and the d.c. plate current to the tube or tubes in the final stage in the transmitter. The power input is equal to the plate voltage multiplied by the plate current in amperes."

Probably haven't used "pecuniary" more than once or twice since then, have you! :-)

73, Garey - K40AH  
Atlanta

At 07:31 PM 11/14/2002, Richard Clem wrote:

>I don't have an old license manual handy right now, but I think I can quote  
>the regulation almost verbatim from memorizing it for my novice test in 1973:  
>The legal limit was 75 watts (in the case of a novice) "DC input power to the  
>final amplifier stage, exclusive of power used to heat the filament."

>

>I remember the question in the license manual (and on the test) listed the  
>cathode voltage and current, grid voltage and current, plate voltage and  
>current, and filament voltage and current, and you had to calculate the input  
>power.

>  
>The correct answer was  $(IP \times EP) + (IG \times EG) + (IC \times EC)$ .  
>  
>The wrong answers included the following:  
>  
> $(IP + IG + IC) \times (EP + EG + EC)$  (this is the answer I came up with the first  
>time I took a practice test, if I recall correctly. It seemed logical at the  
>time, and sure made the math a lot easier.)  
>  
> $IP \times EP$   
>  
> $(IP \times EP) + (IG \times EG) + (IC \times EC) + (IF \times EF)$   
>  
>Ah, this takes me back--learning about all kinds of arcane things like the  
>word "pecuniary".  
>  
>73,  
>Rick W0IS, ex-WN0MEB

-----  
Date: Fri, 15 Nov 2002 06:21:05 -0600  
From: "Jay" <aj4ay@worldnet.att.net>  
To: "QRPL" <qrp-1@lehigh.edu>, "Flying Pigs" <fpqrp-1@mpna.com>  
Subject: [140186] Truffle part Trois  
Message-ID: <006301c28ca1\$790550d0\$5870560c@jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Some corrections for the truffle log.

At 0135, the call is K5KSR for Dale. Correct in the log. I can't read my handwriting DUHH

At 0136, the call is K5DW for Don. Just flat out missed this one.

At 0139, the call is W5USJ for Chuck. Correct in the log. I failed keyboard driving 101 in school.

At 0151, Tony was running 500mw instead of 5W. Missed this one also.  
:-( Geeez Louise

Thanks for the corrections and sorry for the errors.



Jay  
AJ4AY  
Mobile, AL  
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.417 / Virus Database: 233 - Release Date: 11/8/2002

-----  
Date: Thu, 14 Nov 2002 20:16:17 -0000  
From: "Walter Amos" <waltk8cvamosqrp@earthlink.net>  
To: "Qrp-L Posts" <qrp-l@lehigh.edu>  
Subject: [140187] Fw: QSL and \$\$\$  
Message-ID: <000401c28cb9\$36048720\$e187d943@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Golly gee, it kind of breaks even! A long time ago I was DX and when the cards rolled in with money, it was WONDERFUL, but many had not enough and some had too much, and even some had NONE ! When all was said and done, sorted , mailed direct and bureau the money was all gone :- ) Nope, not enough to pay for another DXPEDITION :-((

But it was fun while I could do it and sure would recommend it to anyone who has the slightest chance to be DX ..... do it ! You will remember it for the rest of your life ;-)

Walt Amos K8CV Royal Oak, MI.

----- Original Message -----  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, November 14, 2002 04:00  
Subject: QSL and \$\$\$

> Gang:  
>

> A question about proper etiquette in QSLing. What if the DX has spent  
> twice as much for postage as the USA operator sent him? Should the USA  
ham  
> send some more funds? The DX in this case is a private individual and not  
> a QSL manager. Ideas?  
>  
> 73,  
> --Doc/K0EVZ  
>  
>  
>  
>  
>  
>  
>

-----  
Date: Fri, 15 Nov 2002 08:15:34 -0700  
From: "" <markb@abq.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140188] Re: Charge Gel Cell In Car  
Message-ID: <18aa8c83a21d4fe4936d5a5dd441b7cf.markb@abq.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

> I've been using a motorcycle battery tender type charger on a=20  
> 7 Ah gel cell and have been concerned that I may be hurting=20  
> the battery=2E  
  
> Is this damaging to the battery?

The current put out by a motorcycle battery tender will be very gentle to a gel cell, but it may cut back before the gel type battery is 100% full=2E Depends on the charger, if it's finish charge phase is current and not voltage limited, it would work great, but most I've seen are voltage limited and won't replace 100% of a gel cell's charge=2E But it'll reach 90-95%, which for most ham's practical purposes, is plenty good enough=2E By never reaching 100% charge the individual cells in the battery will eventually=20 become imbalanced, and the weaker ones will diminish the battery's overall capacity over time=2E But this won't show up until end of life, which for a gel cell is about 5 years, or sooner depending on how many cycles are on it=2E

In short, don't worry about it=2E It's probably better than the=20  
way most of them get charged=2E

Mark K5LXP  
Albuquerque, NM  
k5lxp@arrl=2Enet

-----  
Date: Fri, 15 Nov 2002 10:57:54 -0500  
From: Garey Barrell <k4oah@mindspring.com>  
To: tomb@kiva.net,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140189] RE: Ham Radio Magazine On cd...TT-560  
Message-ID: <5.1.0.14.0.20021115105129.00a3bb40@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

The HR CDs are all jpg and tiff files as well. They are much better scans  
than the QST version however and look a LOT better. The search and index  
software is also MUCH better than the QSTs.

I wasn't aware of the new search and index on the last (?) QST. I assume  
it is the same as what is on the ARRL site? Sure nice to have QST, HR and  
QEX all in one index.

Also, FYI, the AWA has a two-CD set of the "Old Timers Bulletin" and has  
just recently put out the "AWA Review" on CD.

73, Garey - K40AH  
Atlanta

At 09:51 AM 11/15/2002, Thomas H. Busch wrote:

>Hello, Jim.

>

>I have both. The HR CDs are pretty handy. I \*think\* they are all PDF

>

>With the QST-Views, I think the last set is PDF, and the rest are all TIFF  
>images. If you get any QSTs, get the last one, because it has a better  
>search and index feature IMHO. Also, it will index ALL of the rest of the  
>discs too, and allow you to cross searches over the QST, HR, and QEX CDs.

-----

Date: Fri, 15 Nov 2002 09:23:58 -0600  
From: sjolin@swbell.net  
To: jzaruba@mac.com,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140190] Re: FSK441 at QRP Power Levels  
Message-ID: <010c01c28cbb\$04e38db0\$78d1fea9@DaveSjolin>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

----- Original Message -----

From: "John Zaruba" <jzaruba@mac.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, November 15, 2002 6:42 AM  
Subject: FSK441 at QRP Power Levels

> I was wondering if anyone has tried Meteor Scatter / FSK441 at QRP  
> power levels? I'm trying to determine if it's worth the effort to put a  
> 2m yagi on my tower to use with my FT-817.

John, I have made meteor scatter contacts on two meters over a range of about 800 miles during major showers (Perseids and Leonids). I use 150 watts into a zero gain antenna (Eggbeater at 15 feet). I haven't been real strong but I've made it.

If you use 5 watts into a 10 db antenna you will be down less than one S-unit from my ERP level so you won't be strong but you might be able to make it.

I think you would probably do better using WSJT (a digital mode) rather than SSB or CW. The reason, you will be able to compress a lot of information into a real short exchange. If you are up around 4 am Tuesday morning you may be able to work some random contacts on SSB but you will be a lot weaker than the other stations calling so you might find the competition fierce.

If you do stick with SSB, then I would suggest that you set a few schedules rather than try random contacts. Be sure to read up on the operating procedures for meteor shower operations as they are quite different from normal procedure.

Try these sites for info:

<http://www.qsl.net/w8wn/hscw/hscw.html>  
<http://www.pingjockey.net/cgi-bin/pingtalk/>

Good luck. 73 de Dave, N0IT

-----  
Date: Fri, 15 Nov 2002 10:18:00 -0500  
From: "O'Rourke, Tim" <tiorourke@davidson.edu>  
To: <qrp-1@lehigh.edu>  
Subject: [140191] Re: Don Wilhelm  
Message-ID: <4AE8AED63DA0244FA26B3EE309675DD4046FF038@lola.davidson.edu>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Don and his wife were building a new house in the mountains the last I =  
talked with him. He may not have all his QSL info upto date yet. Check =  
with Lisa at Elecraft as he has several products from them.  
Tim W4YN

-----  
Date: Fri, 15 Nov 2002 15:57:38 -0000  
From: "Walter Amos" <waltk8cvamosqrp@earthlink.net>  
To: <rmcnelly@cox.net>  
Subject: [140192] Re: Charge Gel Cell In Car  
Message-ID: <006601c28cbf\$b9b9d100\$e187d943@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I have one of those and they are neat BUT they are not a taper charger and  
just keep going and going and going like the energizer bunny so you need to  
manually time them or they will boil your battery to DEATH ! If you have a  
10 amp setting on your VOM us it in series with the battery and check out  
what is happening. If not you will just have to guess at the time and guess  
low not high. Use it for an hour , charge for a couple of hours. Use a  
kitchen timer and when it dings run in and take the thing off charge or at  
least read the voltage. Hopefully as the battery is topped off the charging  
current will fall off, HOPEFULLY :-)

----- Original Message -----  
From: <rmcnelly@cox.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, November 15, 2002 01:54  
Subject: Re: Charge Gel Cell In Car

> I've been using a motorcycle battery tender type charger on a 7 Ah gel  
cell  
> and have been concerned that I may be hurting the battery.  
>  
> Is this damaging to the battery?  
>  
> 72/73,  
>  
> --Rick, KE4IZH  
> K2#663/Sierra  
> '93 ST1100  
> STOC#3210  
> '83 GL650i  
> Chesapeake, Va  
>  
>  
>

-----  
Date: Fri, 15 Nov 2002 09:09:17 -0600  
From: Chuck Carpenter <w5usj@9plus.net>  
To: maxmoon@umn.edu,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140193] Re: Why I QRP  
Message-ID: <3.0.2.32.20021115090917.007d7500@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Max and All,

I read the piece by Bob Locher, W9KNI, as a rather negative presentation about the worth of QRP -- almost a putdown. But then, I'm not a DXer by any stretch of imagination.

Aside from my early days when I built my rigs on a very limited budget, QRP as we know it today came about for me when I moved to the Dallas area from the country in WNY. I quickly discovered that my neighbors were not nice when I messed up their stereos. And, I was the only one in the area with antennas on top of the house. My VHF and UHF operations was pretty much QRP anyway and I didn't get any complaints. So I tried HF CW operation at about one Watt with my TS-430. After making a DX contact to Africa at 750

mW, I was hooked. No problems with neighbors and I was having fun.

About that time (1984 or so) I learned about QRP ARCI and joined. When I retired in 1997 and moved to the country East of Dallas, I discovered the internet and QRP-L. Now I'm having way too much fun with all sorts of QRP events and even doing some kit building -- especially with these great little Rock-Mites.

QRO still happens (including FM and SSB!) to the limits of my FT-847 and IC-706 MKIIG but mostly on V/UHF and during contests. Otherwise operation here is 5 Watts or less and mostly CW. Great stuff for this COG #11... [g]

Email Alt: w5usj@arrl.net

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----  
Date: Fri, 15 Nov 2002 11:23:57 -0500  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140194] Re: FD 2002  
Message-ID: <3DD51F9D.66909462@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have had that same question John. The ARRL Contest Branch manager was not very helpful when I asked him the same question. He basically gave me some BS answer and said that's the way it is.

I went back to some old QST's I have and also checked archived scores on the website. The older listings show only QRP scores in the battery classes. The chance starts the same time N1ND took over as the contest branch manager. There have been no changes to the battery rules however.

73  
Paul K4FB

W2AGN wrote:

> Perusing the listings in December QST, I note under Class 1B-Battery  
> several listings that show the power level as "2." That is "up to 150W."  
> I thought the rules on the "battery" class limited you to 5W? I see the  
> same under "2B-battery." Not just 1 or 2 listings, but quite a few.  
>

> Also under 1B-battery, I see one listing showing 10 operators! Another  
> shows 3 operators.  
>  
> I guess I better re-read the rules.  
>

-----  
Date: Fri, 15 Nov 2002 10:42:25 -500  
From: n8yg@rochester.rr.com  
To: qrp-l@lehigh.edu  
Subject: [140195] Re: QRP Definition - Input vs Output?  
Message-ID: <3dd515e1e181a8.54673328@rochester.rr.com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"

A bunch of equations, and not enough time.

Anyway...

Why use the old equations that seemed to someone to make sense at  
some time.

I use the following.

Input Power = Vbattery\*Ibattery.

Output power =  $((V_p - p/2) * (\sqrt{2}/2))^2 / 50$  (assuming you run into a 50 ohm load).  
(This is the way I measure RF out with a scope).

Then Qrp efficiency, or as I call it, the QRPficciency, is

Output Power/Input Power.

Mostly on the order of about 50% for most of the QRP rigs that I have tested.

(seems pretty bad)

But some are higher.

Rx efficiency is a good thing, and I think that most of the kit manufacturers are  
sensitive to this, but it would be a really good thing for a concerted effort to  
make 50% as high as possible.

I'm not sure where the other half of the battery power is going , except to  
heating your shack, or the great outdoors.

It would be good to have a contest to see who could make the most efficient  
1W transmitter for say 40 meters.

Squeaking even a few more percent could have a dramatic effect on battery life.

73 Brad N8YG

-----



Date: Fri, 15 Nov 2002 08:50:51 -0800  
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [140196] SW-30+ es Freq-Mite es RockMite Keyer Chip Combo  
Message-ID: <5.1.1.6.0.20021115081149.01afebc8@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

After struggling to hear and work the foxii with no luck I went back to the bench to finish the final wiring of the SW-30+ with the freq-mite audio annunciator and the uP keyer out of the Rock-Mite.

When I got done about midnight local with the final soldering I went to the operating position to power up the rig with the antenna connected. I built the rig (bought at Pacificon) using only my print out of the web page instructions that I wrote many moons ago. But I didn't do the power it up at each stage. Hey. I've built so many of these puppies I could probably do it without the instructions. :- ) (And Doug don't get the wise idea that I should do this in front of a crowd at Pacificon as I won't do it. :- ) )

So the moment of truth. Plug everything in and turn on the power switch. I did put a switch on this one. Wow. Audio and a signal. Peak the receiver transformer and I can hear signals. Get the A&A DDS and generate some signals to see where the rig tunes and squeeze the turns on the toroid to get 10.104 to 10.140MHz range. Then figure out the offset for the freq-mite to generate the right frequency. Not a bad nights work. It was fun to do some binary math without a calculator. :-)

Align two transmitter transformers (the 10.7MHz IF cans) to get 800mW out and listen to the output to the antenna on another SW-30+ and the rig sounds clean and the keying crisp like I like it.

So yet another rig up and running and this one to be used nightly on 30m until I get WAS at 800mW. I spend too much time playing with building stuff and not enough on the air.

The reason for the post is to give those of you interested in doing this combo some starting values for connecting the freq-mite and the keyer output to the SW-XX+ series.

The RF TO the freq-mite is taken off of Pin 2 of U5 --- the transmitter

mixer input direct to the input of the freq-mite. The input pad of the freq-mite

goes to a 22pF cap so there is sufficient isolation for the system to work nicely. You may have to retune your VFO slightly if you are adding this on to an already working rig.

The audio output of the freq-mite is fed through at least 490K resistor to pin 5 of U4 the AF Final. If you use a smaller resistor you can expect to have your ear wax removed from the loudness of the tone. :- ) :- ) 490K is probably too loud as it was for me and I am going to 1M ohm.

For the keyer (see my web page of the Manhattan layout that I use) I used pin 5 (the audio out) through an 82pF cap to pin 5 of the U4 AF Final. I didn't do this through a separate connection but had the keyer and the freq-mite next to each other so I connected from the 82pF cap to the end of the 490K resistor, which I will replace sometime today with a 1M to lower the audio output. It's not too loud but it should be in the background when listening to other signals.

I got the entire system into a home brew case that is 16cm x 10.5cm x 3cm painted with a small amount of primer and white gloss (both \$0.94 a can from Wal-Mart) and baked in the toaster oven at 150 degrees F for two hours. One thing that I did was bake at 150 degrees for 15 minutes on the primer before adding the gloss white coat. I have to experiment more on this as you will also to get the right combo for you. I'm at 5500' ASL with lower air pressure than the flat landers and low humidity and cool temps in the garage so mileage will vary on this one. We all just need to collect data. But I can tell you the coat is rock hard and very slick so it is one of my best paint jobs ever. Period. The \$30 investment in the toaster oven was money well spent. As mentioned in a previous post I would not go above 150 degrees F on the temp as some test samples I did showed some significant discoloration when done at 250 degrees F. You have been warned. The gloss white showed no indication of any color change at 150 degrees F.

Of course, I played around on the air for about 30 minutes or so. There was some pileup going in EU but nothing stateside and I didn't get to work any one last night. At 1502UTC this morning I called CQ at 10.107MHz and immediately caught a Reno, NV station. His K2 at 10W (599) and my SW-30+ at 800mW (559) for a 30 min QSO. So I know the rig is getting out. One state down and 49 to go. Let the games begin.

So for less than \$100 and some additional work on my part I have a complete 30m rig with built in keyer and AFA. Not bad for a rig that works like a champ.

I won't have pics on the web today as I am still in the process of writing

between these sessions of doing what we all like to do best. And I have to put the SideKick in a case for one of the articles..... And then there is the Argo V review.....

And to Dave Benson, K1SWL, owner and CEO of Small Wonder Labs. Just go ahead and bill me for the next series of rigs. :-) I'm still your number one fan. :-) Ciao Dude.

dit dit es film at 11 (meaning sometime on the web the magic pics will appear),

Chuck Adams, K7QO  
<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

-----  
Date: Fri, 15 Nov 2002 12:22:04 -0500  
From: "Ken Simpson, W8EK" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>  
Subject: [140197] Greenlee Chassis punches FS  
Message-ID: <03db01c28cce\$58258240\$5dd2d143@toshiba>

In digging thru some more "stuff", I found a box of Greenlee chassis punches that I am certain I will never use, so they might as well go to someone that can. Since QRPers are always building things, maybe someone will need them.

All of them are in very good shape, and all are in their original boxes. I have attempted to price them at about 1/2 to 2/3 of new price, which I think would be fair.

Here is what is available:

Round

1 3/8 inch - \$ 23  
7/8 inch - \$ 21  
5/8 inch - \$ 20

Square

1/2 inch - \$ 50  
3/4 inch - \$ 100 (appears to be new and never used)

"Conduit set"

These are sold as a set only, for two reasons. They

came that way, and there are only 2 bolts for four punches.  
Greenlee has the size of the conduit marked on them, but  
of course the hole is larger than the conduit. Hole size, as  
best I can measure is in ( ).

1 inch (1 1/4)

1 1/4 inch (1 5/8)

1 1/2 inch (1 3/4)

2 inch (2 1/4)

These are not in boxes, and are used more, but still have a lot  
of life left, and are in good shape. \$100 for the set.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-mail to W8EK@fdt.net or W8EK@arrl.net

Voice Phone (352) 732-8400

-----  
Date: Fri, 15 Nov 2002 14:08:01 -0500  
From: "John" <jdorson@worldshare.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [140198] Miracle Whip Ant.  
Message-ID: <016801c28cda\$5573b240\$a193f4d1@ATHOME>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone have one of these that they are thinking of letting go of.

Also any first hand reports regarding the Miracle Whip would be appreciated.

Please e-mail direct.

Thanks.  
John K2JHU...  
South Island Real Estate  
jdorson@worldshare.net

-----  
Date: Fri, 15 Nov 2002 14:30:09 -0500  
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: <qrp-1@lehigh.edu>  
Subject: [140199] Question  
Message-ID: <6579C6377F475547985F0B3E426E16260204DF53@OCCLUST01EVS1.ugd.att.com>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: quoted-printable

Hi

I have a line on a scope to add to my test equipment. It is a 465 type on a cart. Not sure on the plug in but I am told it is dual trace.=20 It doesn't come with probes though, can I just use a 4 foot piece of RG58, with BNC's on the ends? On one end I have an adapter I can add with clip leads that will plug into the BNC, will this work for the 1:1 lead?=20

Can I buy scope probes from Mouser, I believe they are have a web site, guess I will check them out.

Anyone have extras on here they aren't using they want to sell cheap,=20 ya right.=20

Marty Hartwell kd8bj  
mehartwell@att.com  
AT&T Columbus Ohio  
PH:614-501-2503

-----  
Date: Fri, 15 Nov 2002 12:49:17 -0500  
From: Rob Matherly <w0jrm@arrl.net>  
To: fpqrp-1@fpqrp.com, qrp-1@lehigh.edu  
Subject: [140200] Beacon rules and regs?  
Message-ID: <200211151851.gAFIpZc1025505@mail.iowasocean.com>  
Content-Type: text/plain;

Can anyone point me to a site that has the rules and regs regarding 10m beacon operation?

— —

72-73-00

Rob Matherly - Plano, Iowa - EN301s

AIM-w0jrm; ICQ-114690148; Y!-w0jrm

ARRL -- FPgrp -330 -- IA QRP #143

SOC #497 - - QRPp-I #19

Yeah, that's what I meant. The 1995-1999 QST set uses A-view, not QST-view. A-view is the same as the HR and QEX CDs. It seems like it is able to determine which CDs you have installed, and if you already have A-view, it just updates its database instead of reinstalling. It also seemed like the format was JPEG if the page had an image.

73,

-----Original Message-----

From: Garey Barrell [mailto:k4oah@mindspring.com]

Sent: Friday, November 15, 2002 10:58 AM

To: tomb@kiva.net; Low Power Amateur Radio Discussion  
Subject: RE: Ham Radio Magazine On cd...TT-560

The HR CDs are all jpg and tiff files as well. They are much better scans than the QST version however and look a LOT better. The search and index software is also MUCH better than the QSTs.

I wasn't aware of the new search and index on the last (?) QST. I assume it is the same as what is on the ARRL site? Sure nice to have QST, HR and QEX all in one index.

Also, FYI, the AWA has a two-CD set of the "Old Timers Bulletin" and has just recently put out the "AWA Review" on CD.

73, Garey - K40AH  
Atlanta

-----  
Date: Fri, 15 Nov 2002 10:08:47 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Subject: [140202] Re: SideKick Builders Report de KI6DS  
Message-ID: <000d01c28cd2\$0e0318e0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

John, I think that you intended the question for Chuck, but let me tell you my experience. I took the radio that Frank Roberts built from the final layout, and sent to me. I have a stock SW40+ Elmer 101 radio. I put them side by side, used a coax switch, and I could not tell any difference at all in the receivers. They both sound almost exactly the same to my ears. I did not do any measurements on the SideKick other than with my ears. But I would suspect that if you did build a SideKick and make the measurements, they would be very close to what you would get on a SW40+. You know why? They are the same receiver except for 2 differences. The SideKick is built Manhattan style and use a 1SV149 tuning diode instead of MV1662. Other than that, they are the same radio. Same components, etc.

There is a limited number of these receiver kits. The Fort Smith QRP Group is selling 300 of the Manhattan style kits, with the blessing of Dave Benson, K1SWL, who is the designer. They have less than 50 of the second run of 100 left. JayBob has kits ready to ship and it is simple to order. All that you have to do is send an email to w5jay@alltel.net and ask to be

given an order number. Then you send JayBob a check for \$34 with a self addressed mailing label to:

JayBob Bromley  
9505 Bryn Mawr Cr.  
Fort Smith, AR  
72908-9276

If you would like to see pictures of Frank Roberts SideKick, check out this url:

<http://www.cox-internet.com/w5jay/kits/sidekick.htm>

72, Doug, KI6DS

-----  
Date: Fri, 15 Nov 2002 12:50:47 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <n1tp@swfla.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140203] Re: Band was long all hunt  
Message-ID: <007f01c28cd7\$e9d1e720\$0201a8c0@fairviewtx.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Keep in mind, Tom, that it is the Pesky Texans that initially ionize all those layers up there so that the "rest of you" can work the Foxii. Someone has to open the paths and we have fearlessly undertaken that assignment each week for the benefit of our fellow Hounds.

Need to show a little more respect there, feller . . . <:}

73/72, George  
Amateur Radio W5YR - the Yellow Rose of Texas  
In the 57th year and it just keeps getting better!  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

----- Original Message -----  
From: "Tom Palmer" <n1tp@swfla.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, November 14, 2002 10:03 PM  
Subject: FOX: Band was long all hunt



> Bagged a pelt from NOUR (Jim in Minn.) at 0220 UTC. He was  
> stronger into SW FL then reasonably anticipated. Paul (K4FB  
> near Tampa) was VERY weak throughout the hunt. Did not bag  
> a pelt from Paul until about 0344. During the first hour  
> the hounds calling Paul were very much louder then Paul,  
> especially them Pesky Texans (as always) and many Hounds in  
> Colo., Missouri, and even Pa.  
>  
> Tom, N1TP  
> Naples, Florida

-----  
Date: Fri, 15 Nov 2002 13:34:40 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [140204] Coax numbers???  
Message-ID: <001901c28ce6\$6ca1b960\$2ecb1341@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have run into some Beldon 9203 m17/028 RG058 16428 also some Beldon marked  
YM16664 anyone know what this stuff is thanks Cal KF7ET

-----  
Date: Fri, 15 Nov 2002 15:28:40 -0500  
From: "Brian" <brian@iquest.net>  
To: "Rob Matherly" <w0jrm@arrl.net>, <fpqrp-l@fpqrp.com>,  
<qrp-l@lehigh.edu>  
Subject: [140205] Re: [fpqrp] Beacon rules and regs?  
Message-ID: <001901c28ce5\$965e5840\$cc6a2bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

[www.fcc.gov](http://www.fcc.gov)

----- Original Message -----  
From: "Rob Matherly" <w0jrm@arrl.net>  
To: <fpqrp-l@fpqrp.com>; <qrp-l@lehigh.edu>

Sent: Friday, November 15, 2002 12:49 PM  
Subject: [fpqrp] Beacon rules and regs?

[illegible]

Date: Fri, 15 Nov 2002 15:13:52 -0600  
From: "Jim NOUR" <n0ur@attbi.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [140206] FOX: NOUR log ver. 1  
Message-ID: <000901c28ceb\$e6454de0\$6a202942@ce1.client2.attbi.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here is a rough draft of my log. Please send corrections.

Bands could of not be too bad, but not many big signals, had to dig and strain on many, sorry to the ones I did not dig out.

Thanks everyone, I had a blast

0200	KB7WW	559	559	OR	ART	5W	*
0201	N3BJ	579	589	VA	ALAN	5W	
0202	K5ZTY	579	559	TX	BILL	5w	

0202	W0CH	579	559	MO	DAVE	5W
0203	VE6EX	579	559	AB	DAN	5W *
0204	N0TK	579	559	CO	DAN	5W
0204	VE4WI	579	559	MB	CRAIG	5W
0205	WA8BXN	579	569	OH	MIKE	5W
0206	KB9YIG	559	579	IN	TONY	500MW
0207	K2Q0	579	599	NY	MARK	5W
0207	N4R0A	579	559	VA	DAN	5W
0208	VE5RC	579	559	SK	BRUCE	5W
0209	K8CV	579	559	MI	WALT	5W
0209	K8HJ	579	559	MI	JOHN	5W
0210	N0DSP	579	559	CO	TOM	5W
0211	K3ESE	559	559	MD	LLOYD	5W
0211	VA6RF	559	579	AB	EARL	5W
0213	K5PSH	579	579	TX	JERRY	5W
0213	KK5LD	579	559	TX	DAN	5W
0214	N5ZE	579	559	TX	LEW	5W
0214	K9UT	579	599	IN	JERRY	5W
0215	K5TR	579	599	TX	GEO	5W
0216	K2PQ	579	589	NJ	FRANK	5W
0216	K3IU	579	559	RI	KEN	5W
0217	VE6JAZ	579	579	AB	ROB	5W
0217	NQ7X	559	559	AZ	FLOYD	5W
0218	AC5JH	579	559	OK	TOM	5W
0219	N4BP	579	599	FL	BOB	5W
0219	AG0T	579	559	ND	TODD	4W
0220	N1TP	559	559	FL	TOM	5W
0221	K4ADI	579	579	SC	FRANK	5W
0221	K5JHP	579	559	TX	BILL	5W
0222	K4QU	579	599	VA	MIKE	100W
0223	N3AO	579	579	PA	CARTER	5W
0223	N5UW	579	599	OK	CLIF	5W
0224	N1FN	579	559	CO	ET	5W
0224	K4GT	579	559	GA	JIM	5W
0225	N5EBD	579	559	TX	KEN	5W
0226	WR50	559	559	TX	DAVE	5W
0226	N0RC	559	599	CO	ROD	5W
0227	WA7TQK	559	559	ID	BILL	5W
0227	K3PH	599	599	PA	BOB	5W
0228	K2ZN	579	579	NY	AL	5W
0228	N8VAR	579	559	OH	RON	5W
0229	K3VEI	599	599	PA	BERT	5W
0230	W5YR	559	559	TX	GEORGE	5W
0231	WS4S	559	569	TN	CONARD	5W
0232	KG6CYN	559	559	CA	TREV	5W
0233	WW7Y	559	559	UT	STEVE	5W
0234	KC1FB	559	559	CT	JIM	500MW
0236	KB2SEU	579	559	NY	MARIO	100W

0237	K7TQ	579	559	ID	RANDY	5W
0237	K5SR	559	559	TX	DALE	5W
0238	W0UFO	579	559	MN	MERT	5W
0239	W9JOP/4	579	559	VA	BOB	250MW
0240	K40AH	559	559	GA	RAY	5W
0240	W5USJ	579	559	TX	CHUCK	5W
0241	K5FSE	579	599	GA	JACK	5W
0241	WV9N	579	599	OH	RANDY	5W
0242	K5AIC	559	559	MS	HERB	5W
0243	W3SMK	579	599	NJ	STEVE	5W
0243	K4TJD	579	599	GA	TOM	5W
0244	K4BYF	559	559	FL	JACK	3W
0244	KI0II	579	559	CO	RON	1W
0245	NN5E	559	559	TX	VERN	5W
0245	AE4Y	559	559	GA	KENT	5W
0246	K5DW	579	559	TX	DON	5W
0247	N2WW	579	559	CO	LARRY	5W
0247	N3XRV	579	559	PA	CHRIS	5W
0248	N8XE	579	559	OH	JASON	5W
0249	KC2CK	579	559	NY	DON	1W
0250	K2ZR	599	599	NY	DICK	25W
0250	AB5XQ	579	559	AR	BILL	5W
0251	K2TVY	579	599	NJ	FRANK	1W
0251	W3KC	559	579	MD	CHAS	5W
0253	KG4LDY	559	559	VA	JIM	5W
0253	KQ5U	579	559	TX	TERRY	5W
0254	NK0E	559	559	CO	DAVE	5W
0255	KG4FSN	579	559	FL	JUAN	4W
0256	AJ4AY	559	559	AL	JAY	5W
0256	KR0U	579	579	CO	TIM	5W
0257	AF4LQ	559	559	KY	MIKE	1W
0257	W8YMO	579	559	OH	HARRY	5W
0258	AF4PS	559	559	FL	MAC	4W
0259	W5YA	579	579	NM	FRED	100MW
0300	AB9CA	559	559	AL	DAVE	5W
0301	W6ABC	559	559	PA	JACK	5W
0301	NK6A	559	559	CA	DON	5W
0302	NV4V	579	579	KY	PETE	5W
0303	NU4N	579	579	KY	DAVE	5W
0304	W2RBA	559	579	NY	JOE	5W
0305	W2XN	559	559	FL	FRED	5W
0305	AA5O	599	559	LA	VERN	5W
0306	AA7EQ	579	559	AZ	BOB	5W
0307	K0PC	559	559	MN	PAT	5W
0307	AC7A	559	559	AZ	TOM	5W
0308	W4YN	579	579	NC	TIM	5W
0309	N0TU	579	559	CO	STEVE	250MW
0310	W5TR	559	559	TX	GEORGE	5W

0312	WB6BWZ	559	559	GA	MATT	5W
0312	W2AGN	579	559	NJ	JOHN	5W
0314	W5TB	559	559	TX	DOC	5W
0315	W5KDJ	559	559	TX	WAYNE	1W
0316	W4NJK	559	559	CA	CHARLIE	5W
0317	K6MMC	559	559	CA	MIKE	5W
0318	K9DC	599	559	IN	DAVE	5W
0319	VE5DC	579	579	SK	JERRY	5W
0320	N5YFC	559	559	LA	WAYNE	5W
0321	KV2X	559	559	NY	TOM	5W
0322	WB8WTU	559	559	OH	DENNIS	2W
0323	N0SG	559	559	CO	JASON	5W
0324	VA3JFF	559	579	ON	JEFF	5W
0324	K0EVZ	559	559	ND	DOC	5W
0325	N5IB	559	559	LA	JIM	5W
0326	K1KID	579	559	MA	CARL	4W
0327	AL0A	559	559	ME	GREG	5W *
0328	WA7LNW	559	559	NM	JACK	5W
0329	W9UQB/7	559	559	AZ	MIKE	5W
0330	K5E0A	559	559	LA	WAYNE	5W
0331	N0AR	559	579	MN	SCOTT	5W
0334	K2TER	559	559	NY	BILL	5W
0335	KJ0C	599	599	MO	JIM	5W
0337	N7CQR	579	559	OR	DAN	5W
0338	N5FFF	559	559	LA	WAYNE	5W
0339	K5DI	559	559	NM	KARL	5W
0340	WA9TZE	559	559	WI	JIM	5W
0348	N9AW	559	559	WI	JERRY	5W
0355	KD4JEZ	559	559	VA	KEVIN	4W
0357	NM5M	559	559	TX	ERIC	5W
0401	K4FB	599	599	FL	PAUL	FOX
0401	N0UR	599	599	MN	JIM	FOX

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Date: Fri, 15 Nov 2002 13:55:21 -0800  
 From: Mark Danner <MarkD@mfwl.org>  
 To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
 Subject: [140207] RE: Coax numbers???  
 Message-ID: <572DBC2398CED211809C006008155124D285C7@POSTMASTER>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"

9203 - Coax, 1 coax, 20 AWG, stranded (19x33) TC - Tinned Copper conductors,  
 PE - Polyethylene insulation, tinned copper Braid shield, 95% shield

coverage, PVCNC - Polyvinyl Chloride Non-Contaminating jacket, 58/U RG Type.  
Applicable Specifications: MIL-C-17G, M17/028-RG058. Coaxial. 50 ohm coax  
Nom. Vel. of Prop. 66%

I don't know about the 16428 or the YM16664 - poss. length markers or some  
kind of production code (I'll yield to others on this one).

The 9203 specs came from the Belden web site.

73

Mark AB7MP

-----Original Message-----

From: Francis Callahan [mailto:colcal@srv.net]  
Sent: Friday, November 15, 2002 12:35 PM  
To: Low Power Amateur Radio Discussion  
Subject: Coax numbers???

I have run into some Beldon 9203 m17/028 RG058 16428 also some Beldon marked  
YM16664 anyone know what this stuff is thanks Cal KF7ET

-----  
Date: Fri, 15 Nov 2002 12:41:39 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <w2agn@w2agn.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140208] Re: Vintage Fox  
Message-ID: <005101c28ce7\$667569a0\$6be2b3d1@etclink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Way to go John! Was thinking of trying something similar. I have to run my  
Ranger I through a 10 dB attenuator to get the level down low enough to  
drive my thunderbolt when running AM, and after the attenuator it's just  
under 5 watts. So, I was thinking that it might be fun to use the  
Ranger/R-390A combo in the hunt. Would be fun, plus I often use the R-390A  
to spot the FOX when band condx are bad, as the specs are much better than  
the FT-817. Take care...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "W2AGN" <w2agn@w2agn.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, November 15, 2002 5:23 AM  
Subject: FOX: Vintage Fox

> Got both foxii with my trusty old HT-18/S-53A combo, banging away at a  
> straight key.  
>  
> I had sent "5W" but afterward I looked at the wattmeter...I was only  
> getting 2W out of the old HT-18.  
>  
> ---  
> +-----+ John L. Sielke  
> |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
> +-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS  
>

-----  
Date: Fri, 15 Nov 2002 14:05:04 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [140209] QRP Lunch with Brad Mitchell Saturday  
Message-ID: <006001c28cf3\$0ff43780\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Don't forget that everyone is invited to a qrp lunch for Brad Mitchell at  
Armadillo Willy's at 2071 Camden in San Jose Saturday at noon. Dave  
Fifield, Paul Maciel, Mike Gipe, Doug Hendricks, Bob Tellefsen and the guest  
of honor have all indicated that they will be there. We would love to have  
you show up also. The door prize is a free one year subscription to qrp-l.  
72, Doug

-----  
Date: Fri, 15 Nov 2002 20:41:00 +0000  
From: "Scott C. Gray" <scottcgray@attbi.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140210] Increased VFO range for SideKick?  
Message-ID: <3DD55BDC.617389E0@attbi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi,

I finished my Fort Smith SideKick 40 meter receiver yesterday and I'm really impressed! JA stations solid copy from 1 AM to 5 AM PST (I couldn't sleep..) w/ inverted V. I was getting about 35 to 40 KHz of dial spread and I wanted to increase that a little. I found that substituting C8 (82pf) with a 120pf disc did the trick. Seems very stable and I get coverage from 7.000 to 7.060. Tuning is still very smooth (IMHO). Was changing the value of C8 the right way to get this very fine receiver to get another 20 KHz of range?

Oh, BTW the SideKick can detect signals measuring better than -130 dbm (less than 0.1 uV). Selectivity is very good too - not measured yet, but soon... (Measured with a IFR 1200S).

Thanks for any help,

72

Scott KD6CQ

-----  
Date: Fri, 15 Nov 2002 17:30:08 -0500  
From: <tlogan7@cox.net>  
To: qrp-l@lehigh.edu  
Subject: [140211] SST for 15m ?  
Message-ID: <20021115223010.MMJH2200.fed1mtao04.cox.net@smtp.west.cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi all -

Could someone tell me if it's possible to make the Wilderness SST into a 15m rig and what I what specific changes would be required? Hope this isn't too much of a lame question :- ) 73/Tim Logan NZ7C

-----  
Date: Fri, 15 Nov 2002 16:47:22 -0500  
From: "rmcnelly@cox.net" <rmcnelly@cox.net>  
To: <mehartwell@att.com>,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140212] Re: Question  
Message-ID: <B9FAD599.48B0A%rmcnelly@cox.net>  
Mime-version: 1.0



Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Hi Marty,

the 465 is a great 100Mhz dual trace scope. I was fortunate to find one in the paper locally and got a great deal.

If you want the Tektronix probes, look for the P6065 10X model, check eBay.

I've also used the cheapie 60 or 100Mhz probes seen at hamfests for \$20 or \$30. These work ok and would be fine for troubleshooting and alignment. I'm sure these are available from the budget online electronics stores.

72/73,

--Rick, KE4IZH  
K2#663/Sierra  
'93 ST1100  
STOC#3210  
'83 GL650i  
Chesapeake, Va

> From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>

> I have a line on a scope to add to my test equipment. It is a 465 type  
> on a cart. Not sure on the plug in but I am told it is dual trace.  
> It doesn't come with probes though, can I just use a 4 foot piece  
> of RG58, with BNC's on the ends? On one end I have an adapter I  
> can add with clip leads that will plug into the BNC, will this work for  
> the 1:1 lead?

>

> Can I buy scope probes from Mouser, I believe they are have a web site,  
> guess I will check them out.

>

> Anyone have extras on here they aren't using they want to sell cheap,  
> ya right.

-----

Date: Fri, 15 Nov 2002 10:13:20 -0800  
From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140213] Re: QSL and \$\$\$  
Message-ID: <20021115181320.GB9791@bob.n7xy.net>  
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

There's an updated chart of how many GS/IRC are required for various countries at:

<http://www.qsl.net/n6dhz/irc-chart.html>

Another thing to consider--if an envelope looks like a business letter (no callsigns) it will be less likely to get opened by an underpaid third-world postal worker looking for greenstamps.

Buro cards can easily take 1-2 years (or longer).

73, Bob N7XY

On Fri, Nov 15, 2002 at 08:40:24AM -0500, Fancher, Mark (GEAE) wrote:

> When I make an "all new one", I'll send a QSL direct with \$2. Central or South  
> America, I'll send \$1.

>

> I used to send IRC's but they're a pain and not much less than just a couple of  
> greebacks. Side note: for European contacts, I wonder if Euros would be a  
> better alternative to IRCs? I suppose one could get a stack of Euros and send  
> the proper amount - no exchange issues for the DX station - how convenient.

>

> I've always had good success with this method and quickly got my phone DXCC last  
> May - quite expensive, though (\$2 for return postage + \$.80 for airmail  
> postage). Now I'm working on my CW DXCC and I'm trying to use the buro. I  
> really don't know how the buro is going to work, I send a lot of buro cards, but  
> don't get many back. For instance, almost a year ago, I sent nearly 100 cards  
> to the Russian buro, but have never received any back - I wonder if there is a  
> functional Russian buro anymore.

>

> Enough rambling. I feel OK sending the DX station \$2 for postage. Some places  
> this is more than enough.

>

> Mark, AA4MF

>

> -----Original Message-----

> From: Doc K0EVZ [mailto:dock0evz@earthlink.net]

> Sent: Wednesday, November 13, 2002 3:00 AM

> To: Low Power Amateur Radio Discussion

> Subject: QSL and \$\$\$

>

>

> Gang:

>

> A question about proper etiquette in QSLing. What if the DX has spent

> twice as much for postage as the USA operator sent him? Should the USA ham  
> send some more funds? The DX in this case is a private individual and not  
> a QSL manager. Ideas?

>  
> 73,  
> --Doc/K0EVZ  
>  
>  
>  
>  
>

--  
Bob Nielsen, N7XY  
Bainbridge Island, WA  
IOTA NA-065, USI WA-028S  
n7xy@n7xy.net

-----  
Date: Fri, 15 Nov 2002 15:37:16 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [140214] Re: Question  
Message-ID: <5.1.1.6.1.20021115152801.00a6ee30@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>I have a line on a scope to add to my test equipment. It is a 465 type  
>on a cart. Not sure on the plug in but I am told it is dual trace.  
>It doesn't come with probes though, can I just use a 4 foot piece  
>of RG58, with BNC's on the ends?

Marty,

For low-impedance signals a piece of RG-58 with a BNC on one end and a  
ez-hooks on the other (or alligator clips, or whatever) do well. (Although  
one problem I have is the cable is usually heavier than the board I'm  
working on, and tries to drag it off the table. Praise God for Fun-Tack!)  
The scope's input impedance is a megohm, so you'll be okay for circuits  
that don't mind that kind of load.

For high-impedance circuits, a 10x probe is pretty much a necessity because  
it boosts the load impedance to 10 megohms.

> On one end I have an adapter I  
>can add with clip leads that will plug into the BNC, will this work for  
>the 1:1 lead?

Sure, although long clip leads will pick up noise.

>Can I buy scope probes from Mouser, I believe they have a web site,  
>guess I will check them out.

Lots of places have them, although you will get what you pay for. I've seen inexpensive probes that used what looked like tinsel for the conductor inside the cable, and it was pretty much impossible to fix when it finally broke.

Dave

-----  
A Real Programmer can write FORTRAN in any language.  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 15 Nov 2002 14:39:39 -0500  
From: Somerville <somerville@uniserve.com>  
To: n2apb@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140215] Re: HC908 Daughtercard project update  
Message-ID: <3DD54D7A.B6E316FB@uniserve.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

HI George:

I am wondering what the status of the Daughtercard is at this time.

72 John VE7CFG

George Heron N2APB wrote:

> Hi all -  
>  
> A couple of incoming emails have been received asking for status of the...

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End of QRP-L Digest 2741

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